

MSS Service	MSS SuperClass	Release	User/Developer	User/Devel. Interface	Implementation*	Standards	Comments
Management User Interface	Common Mgmt Services	IR-1	M&O, MSS Applications	HP OpenView API	COTS	DME/Motif	As provided by OpenView
Management Data Access	Common Mgmt Services	IR-1	M&O	SQL, HP OpenView MUI GUI, ChUI, Word Processor, Spreadsheet, Presentation Graphics	HP OpenView, COTS	RDBMS	COTS
OA Tools	Common Mgmt Services	IR-1	M&O		COTS		As required. Mini-trade needed.
SNMP Agent	Common Mgmt Services	IR-1	MSS Applications, SDPS	SNMP API	COTS	SNMP MIBs	
Configuration Management	Mgmt. Application Services						
Software Change Mgmt	Configuration Management	IR-1	M&O	ClearCase, OA tools	COTS, Custom, Manual Operations		
Software Distribution	Configuration Management	Rel. A	M&O	E-Mail, Bulletin Board	COTS		
License Management	Configuration Management	Rel. A	M&O	E-Mail	COTS		
Baseline Management	Configuration Management	Rel. A	M&O		COTS, Custom		
Change Request Management	Configuration Management	Rel. A	M&O		COTS		
Documentation Management	Configuration Management	Rel. A	M&O, Users		COTS		
Change Request Registrar	Configuration Management	Rel. A	M&O, Users		COTS		
Fault Management	Mgmt. Application Services						
Fault Identification	Fault Management	IR-1	M&O, Network Devices	SNMP Traps	HP OpenView	SNMP, DME	
+Fault Identification	Fault Management	Rel. A	SDPS and FOS Applications	CSS API			
Fault Isolation	Fault Management	IR-1	M&O	SNMP API, Vendor Diagnostics	COTS, Manual Operations		
+Fault Isolation	Fault Management	Rel. A		Custom diagnostics	Manual Operations		
Fault Recovery	Fault Management	IR-1	M&O	Custom, Startup and Shutdown	Manual Operations		
+Fault Recovery	Fault Management	Rel. A		Custom, CSS APIs			
Reporting	Fault Management	IR-1	M&O				
+Reporting	Fault Management	Rel. A		HP OpenView, SQL, custom	HP OpenView, custom	RDBMS	
Security Management	Mgmt. Application Services						
Security Database Mgmt	Security Management	IR-1	M&O, MSS Applications, Network Devices	SNMP APIs, DCE RPCs, ChUI		DCE	Authentication only
+Security Database Mgmt	Security Management	Rel. A	FOS Applications			DCE	Service-based Authorization added
Compliance Management	Security Management	Rel. A	M&O	Custom	Manual Operations		Conformity to Policy
Audit Information Collection	Security Management	Rel. A	M&O, SDPS, MSS, FOS	CSS APIs, DCE RPCs, Security Databases	Custom	Custom	Logging of security data
Intrusion Detection	Security Management	IR-1	M&O	Custom, COTS	COTS, Custom		Virus Checkers
+Intrusion Detection	Security Management	Rel. A	M&O				Additional types of intrusions
Reporting	Security Management	Rel. A	M&O	SQL, Custom	Custom	RDBMS	
Performance Management	Mgmt. Application Services						
Monitoring	Performance Management	IR-1	M&O, Network Devices	HP OVw APIs, SNMP APIs		SNMP, DME	Network only in IR-1
			Operating System, SDPS, FOS and MSS				
+Monitoring	Performance Management	Rel. A	Applications	CSS APIs		SNMP, DME	System monitoring added in Release A.
Analysis	Performance Management	IR-1	M&O	HP OVw APIs	Manual Operations	SNMP, DME	Application monitoring to be provided in Rel B
+Analysis	Performance Management	Rel. A		GUI, COTS		SNMP, DME	Network only in IR-1

MSS Service	MSS SuperClass	Release	User/Developer	User/Devel. Interface	Implementation*	Standards	Comments
Network Trending Reporting	Performance Management	Rel A	M&O	GUI, COTS	Manual Operations	SNMP, DME	Systems trending in Rel B
	Performance Management	Rel A	M&O	HP OVw, COTS	Manual Operations	SNMP, DME	
Network Testing	Performance Management	Rel A	M&O	UNIX commands & utilities, COTS, custom	Scheduled and Manual Operations	SNMP, DME	Systems testing in Rel B
Accountability Management	Mgmt. Application Services						Accounting in Release B
User Registration	Accountability Management	Rel A	M&O, SDPS, FOS, and MSS Applications	CSS APIs			
Accountability Tracking	Accountability Management	Rel A	M&O, SDPS, FOS, and MSS Applications	CSS APIs			
Real-Time System Mgmt. Services	Mgmt. Application Services	IR-1	M&O	HP OpenView		SNMP	
Startup and Shutdown	Common Mgmt Services						
Monitoring	Common Mgmt Services	IR-1	MSS and SDPS Applications, Agents	SNMP API	COTS	DME	As provided by OpenView
Maps/Collections	Common Mgmt Services	IR-1	M&O, MSS Applications		COTS	DME	As provided by OpenView
Discovery	Common Mgmt Services	IR-1	M&O, MSS Applications	HP OpenView API, SNMP API	COTS	DME	As in COTS
Network Devices Object	Managed Object Template Services	IR-1	MSS Applications, SNMP Agent	Opaque		IETF MIBs	
Extensible Agent	Common Mgmt Services	Rel A	MSS, SDPS, FOS Applications	SNMP API	COTS, custom	SNMP, MIBs	
Host & Peripherals Object	Managed Object Template Services	Rel A	MSS Applications, SNMP Agent	Opaque		MIBs	
Database Object	Managed Object Template Services	Rel A	MSS Applications, SNMP Agent	Opaque		MIB	